## **PATENT**

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Christopher Hsu, et al.

For : WELDING WIRE POSITIONING SYSTEM

Our Docket : LEEE 2 00184

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Dear Sir:

In accordance with the requirements of 37 CFR 1.97 and 37 CFR 1.98, Applicant provides the enclosed references, identified on the enclosed form PTO-1449.

Consideration of the references and placement on the record is respectfully requested.

Respectfully submitted,

FAY, SHARPE, FAGAN, MINMICH & MCKEE

By:

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				Application Number		
	(Substitute for Form		•	Filing Date		
	FORMATION			First Named Inventor	Hsu	
S	ratement b	Y AI	PLICANI	Art Unit		
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Sheet	1	of	2	Attorney Docket Number	LEEE 2 00184	

	T	Dogwood Mumbas	NT DOCUMENTS	Pages, Columns,	
Examiner Initials*	Cite No.1	Number-Kind Code <sup>2</sup> (** Annown)	Publication Date MM-DD-YYYY	Name of Patentee of Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		759,575	10/17/1956	unknown	
	ļ	880,502	10/25/1961	unknown	
		2,467,094	12/21/1948	Smith	
		2,849,195	08/26/1958	Richardson, et al.	
		2,895,210	07/21/1959	Hubbard	
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		3,076,619	02/05/1963	Nye, et al.	<u> </u>
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		4,296,304	10/20/1981	Defourny	
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		4,508,291	04/02/1985	Kosch	
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	<u> </u>	4,869,367	09/26/1989	Kawasaki, et al.	
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		4,920,249	04/24/1990	McLaughlin, et al.	
		5.105.943	04/21/1992	Lesko, et al.	

	FOREIGN PATENT DOCUMENTS										
Examiner Initials*	Cite No.1	For	eign Patent Docume	ent	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
		Country Code <sup>3</sup>	Number	Kind Code <sup>s</sup> (if known)		Applicant of Cited Document		T <sub>6</sub>			
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Examiner Signature	Date Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16, if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to compelte this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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	(use as many shee	ets as nece	ssary)	Examiner Name		
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	U. S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (Finown)</sup>	Publication Date MM-DD-YYYY	Name of Patentee of Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
		5,277,314	01/11/1994	Cooper, et al.				
		5,405,075	04/11/1995 ·	Narita, et al.				
		5,494,160	02/27/1996	Gelmetti				
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		6,019,303	02/01/2000	Cooper				
		6,260,781	07/17/2001	Cooper				
	<u> </u>	6,274,840	08/14/2001	Kanjo				
		6,386,364	05/14/2002	Kawasaki, et al.				
		6,481,575	11/19/2002	Cipriani				

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